

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
12 May 2005 (12.05.2005)

PCT

(10) International Publication Number  
**WO 2005/043134 A1**

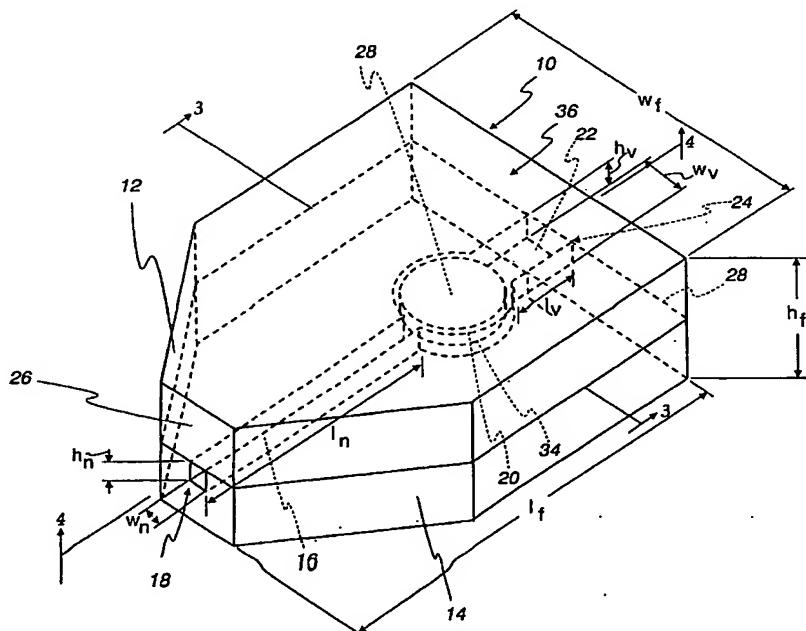
- (51) International Patent Classification<sup>7</sup>: **G01N 21/03**, (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (21) International Application Number: **PCT/US2004/036330**
- (22) International Filing Date: 29 October 2004 (29.10.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/515,338 30 October 2003 (30.10.2003) US
- (71) Applicant (for all designated States except US): **BAYER HEALTHCARE LLC [US/US]; 1884 Miles Avenue, P.O. Box 40, Elkhart, Indiana 46515-0040 (US)**.
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **DOSMANN, Andrew, J. [US/US]; 50607 Cherry Road, Granger, Indiana 46530 (US)**.
- (74) Agents: **GATZ, John, C. et al.; Jenkens & Gilchrist, a Professional Corporation, 225 W. Washington Street, Suite 2600, Chicago, IL 60606-3418 (US)**.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Declarations under Rule 4.17:**

- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations
- of inventorship (Rule 4.17(iv)) for US only

*[Continued on next page]*

(54) Title: OPTICAL CUVETTE WITH PLATFORM-AND-WELL CONSTRUCTION



(57) Abstract: Formats for optical analysis of fluid samples are provided with platforms and wells for contacting fluid samples and bringing reagents in contact with fluid samples. Formats may be made in opposing platform-and-well constructions, allowing a platform protruding from one format member to enter a well contained within an opposing format member. A sample fill nose accepts sample fluid from a sample collection opening and transports the sample fluid through the format.

**WO 2005/043134 A1**



**Published:**

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*